PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION A17004 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/JP2005/001301 25.01.2005 02.02.2004 International Patent Classification (IPC) or both national classification and IPC Applicant DAI NIPPON PRINTING CO., LTD. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis. 1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCI/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Name and mailing address of the ISA/JP Authorized officer

Telephone No

Facsimile No.

International application No.
PCT/JP2005/001301

Вох	No. I	Basis of this opinion	
1.	With r	egard to the language, this opinion inless otherwise indicated under the	n has been established on the basis of the international application in the language in which it was ais item.
		l'his opinion has been established	on the basis of a translation from the original language into the following language
		Rule 12.3 and 23.1(b)).	, which is the language of a translation furnished for the purposes of international search (under
2.	With		amino acid sequence disclosed in the international application and necessary to the claimed and on the basis of:
		ype of material	
		a sequence listing	
	. [table(s) related to the sequer	ace listing
	Ь.	format of material	
	[in written format	
		in computer readable form	
	c.	time of filing/furnishing	
	ſ	contained in the internations	application as filed.
	Ì	filed together with the interes	national application in computer readable form.
	Ī	furnished subsequently to the	is Authority for the purposes of search.
			at any of a sequence listing and/or table(s) valeting thereto have been filed or
3.		furnished, the required statements	than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or that the information in the subsequent or additional copies is identical to that in the application as plication as filed, as appropriate, were furnished.
4.	∧ddit	ional comments:	
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International application No.
PCT/JP2005/001301

Box No. V	Reasoned statement citations and expla				soverty, inv	enuve step	or industr	iai appiicabiiii	/;
l. Statement									
Novelty	(N)	Claims	1-17			•			YES
		Claims							мо
Inventive	e step (IS)	Claims	•						YES
		Claims	1-17	 					· NO
Industria	ıl applicability (IA)	Claims	1-17				•		YES
		Claims		 					NO

Citations and explanations:

Document 1: JP 2000-21450 A (Dainippon Printing Co., Ltd.) 04 August 2000

Document 2: JP 2002-72838 A (Nippon Telegraph And Telephone Corp.), 12 March 2002

The inventions of claims 1-17 do not appear to possess inventive step over documents 1 and 2 cited in the ISR. Document 1 discloses a fundamental structure and a point of difference from the invention related to these claims is that it is not clarified whether the pitch of calculation points is set less than the shortest wavelength of visible light. On the other hand, document 2 discloses a point that a sample pitch of a hologram is set less than a wavelength of a reproduction light in order to prevent an occurrence of unnecessary reproduction light. Accordingly, in reproducing the hologram of document 1, it would be easy for a person skilled in the art to set the sample pitch less than the wavelength of the reproduction light to prevent an occurrence of unnecessary reproduction light, and specifically making the pitch to be set less than the wavelength of visible light would not present any particular difficulty.

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Facsimile No.

International application No.
PCT/JP2005/001301

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		This opinion has been established	ed on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international scarch (under
		Rule 12.3 and 23.1(b)).	
2.		regard to any nucleotide and/	for amino acid sequence disclosed in the international application and necessary to the claimed dished on the basis of:
	a.	type of material	
	.	a sequence listing	
	.	table(s) related to the sequ	pence listing
	ъ.	format of material	
		in written format	
	.	in computer readable form	n. ·
	c. ·	time of filing/furnishing	
l		contained in the internation	onal application as filed.
·.		filed together with the inte	crnational application in computer readable form.
		furnished subsequently to	this Authority for the purposes of search.
3.	Ц	furnished, the required statement	ore than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or nts that the information in the subsequent or additional copies is identical to that in the application as application as filed, as appropriate, were furnished.
4.	Λddi	tional comments:	
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International application No.
PCT/JP2005/001301

Inventive step (IS) Claims Claims 1-17 Industrial applicability (IA) Claims 1-17	1.	Statement							
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Industrial applicability (IA) Claims 1-17 Claims Claims Claims 1-17 Claims Claims Claims Claims 1-17 Claims Claims Claims Claims Claims 1-17 Claims Claims Claims Claims Claims 1-17 Claims Claims Claims Claims Claims Claims Claims 1-17 Claims Co., Ltd.) 04 August 2000 Document 2: JP 2002-72838 A (Nippon Telegraph And Telephone Corp.), 12 March 2000 The inventions of claims 1-17 do not appear to possess inventive step over documents 1 as 2 cited in the ISR. Document 1 discloses a fundamental structure and a point of difference from the invention related to these claims is that it is not clarified whether the pitch of calculation points is set less than the shortest wavelength of visible light. On the other hard document 2 discloses a point that a sample pitch of a hologram is set less than a waveleng of a reproduction light in order to prevent an occurrence of unnecessary reproduction light Accordingly, in reproducing the hologram of document 1, it would be easy for a person skilled in the art to set the sample pitch less than the wavelength of the reproduction light prevent an occurrence of unnecessary reproduction light, and specifically making the pitch		Tana di 200					·		
Citations and explanations: Document 1: JP 2000-21450 A (Dainippon Printing Co., Ltd.) 04 August 2000 Document 2: JP 2002-72838 A (Nippon Telegraph And Telephone Corp.), 12 March 200 The inventions of claims 1-17 do not appear to possess inventive step over documents 1 a 2 cited in the ISR. Document 1 discloses a fundamental structure and a point of difference from the invention related to these claims is that it is not clarified whether the pitch of calculation points is set less than the shortest wavelength of visible light. On the other har document 2 discloses a point that a sample pitch of a hologram is set less than a waveleng of a reproduction light in order to prevent an occurrence of unnecessary reproduction light Accordingly, in reproducing the hologram of document 1, it would be easy for a person skilled in the art to set the sample pitch less than the wavelength of the reproduction light prevent an occurrence of unnecessary reproduction light, and specifically making the pitce		inventive step (IS)		1 17			•		- `
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